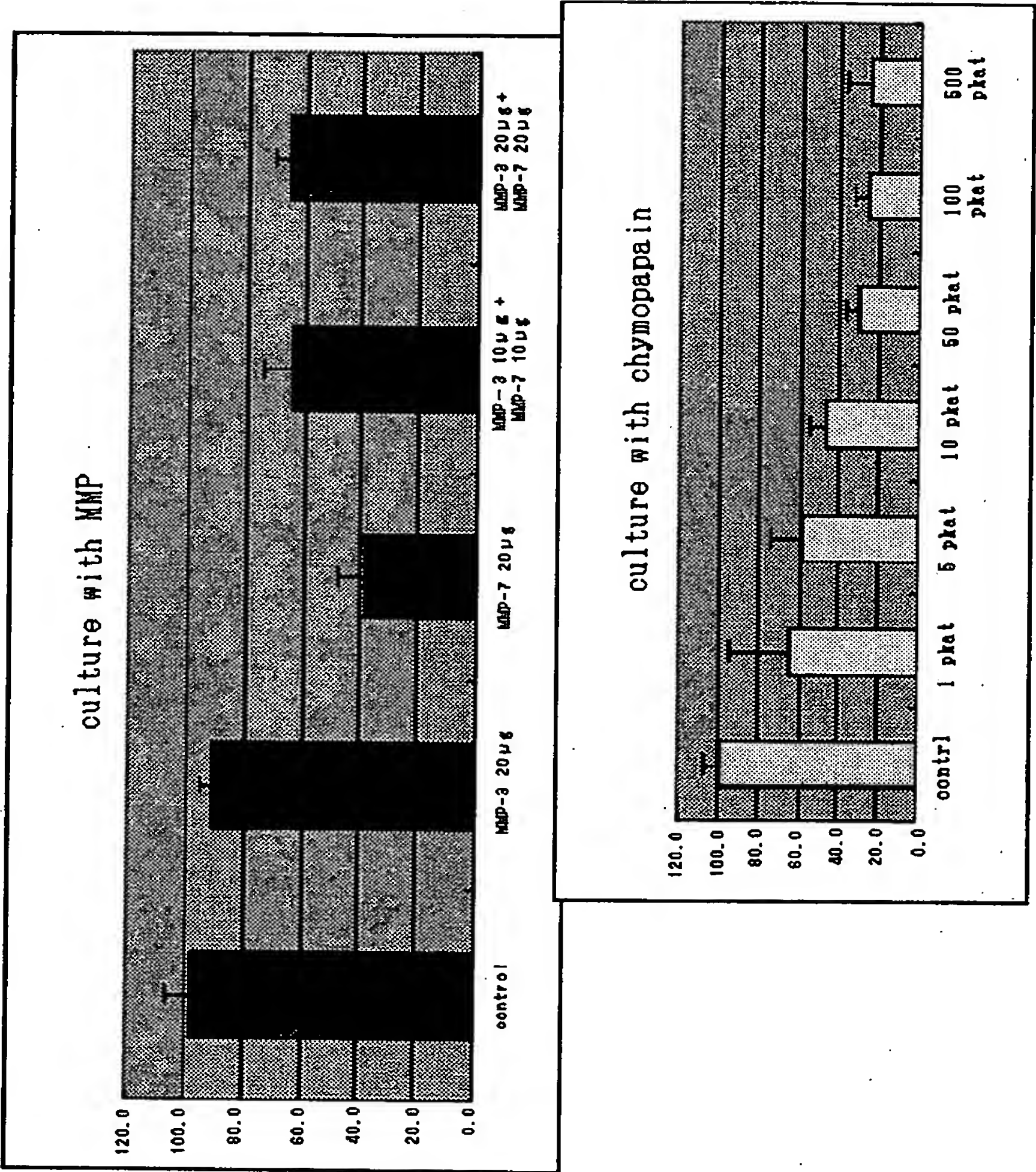
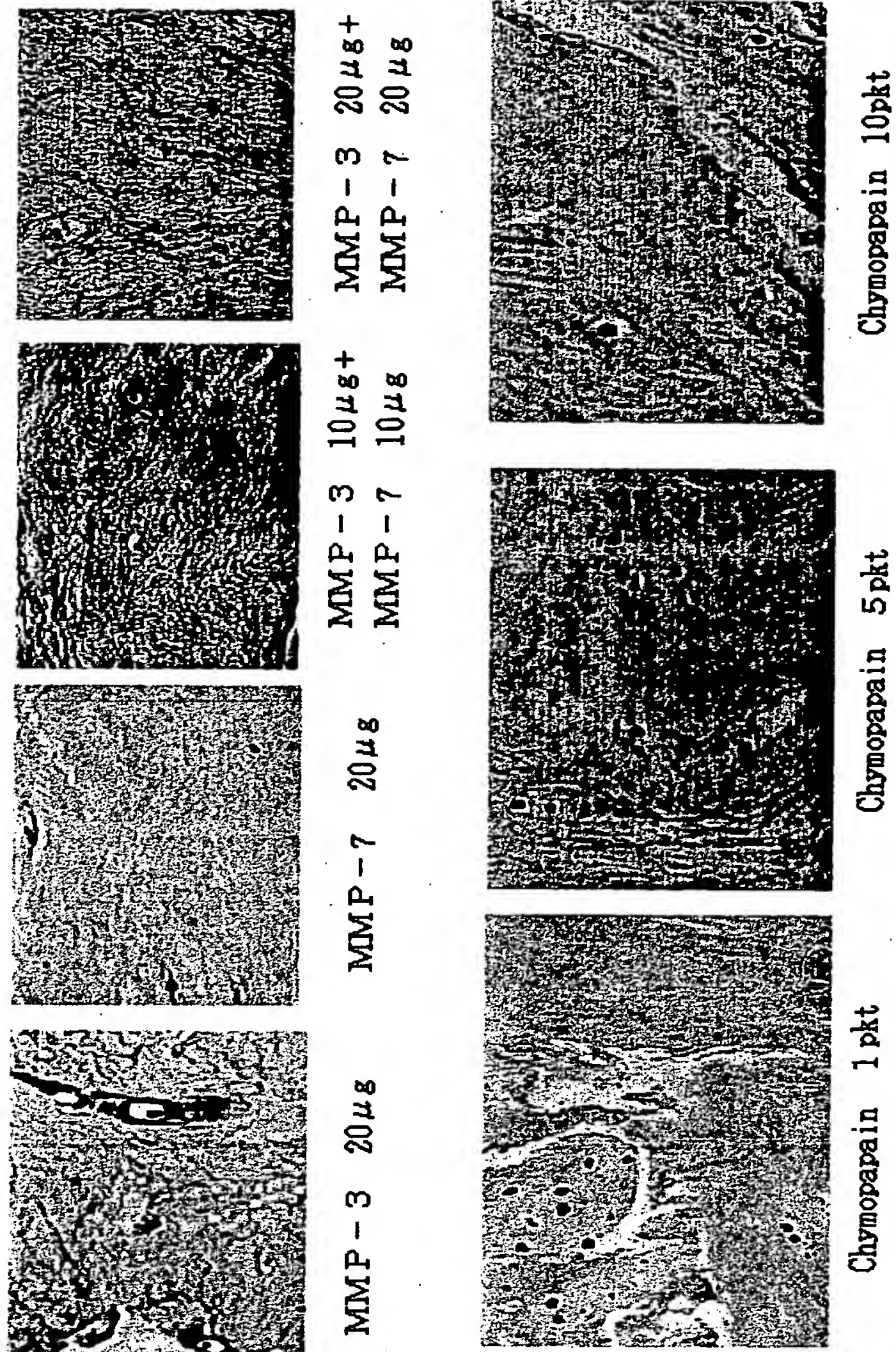


Fig 1



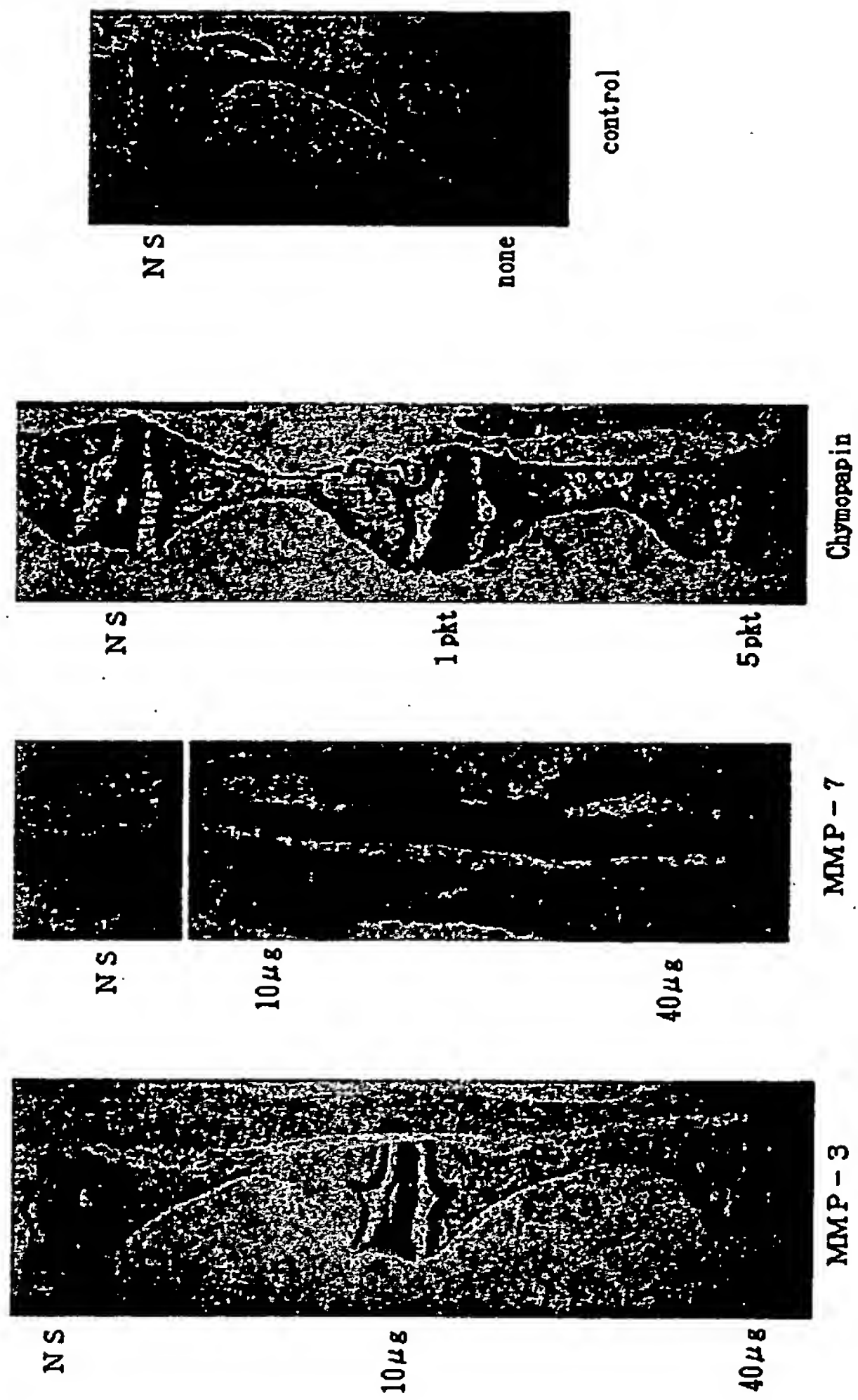
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Fig. 2



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Fig. 3



Canine hernia specimen (HE)

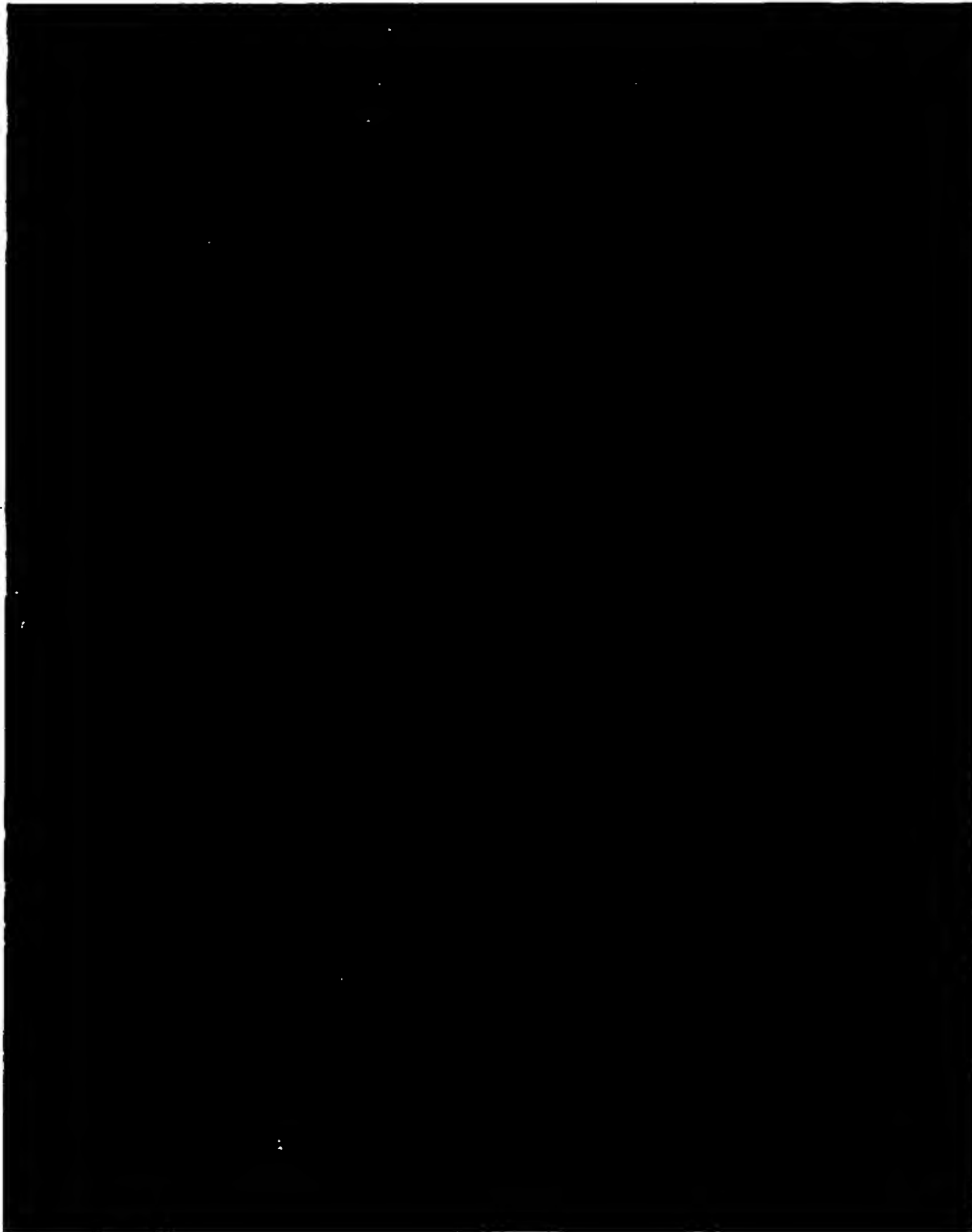


Fig. 4

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## MMP-7 administration

10/18	No. 2 Beagle		
7y.o.	12.75kg		
MMP-7			
12/18	MMP-7	200	
13/1		100	
L1/2		100	
L2/8	NS	100	

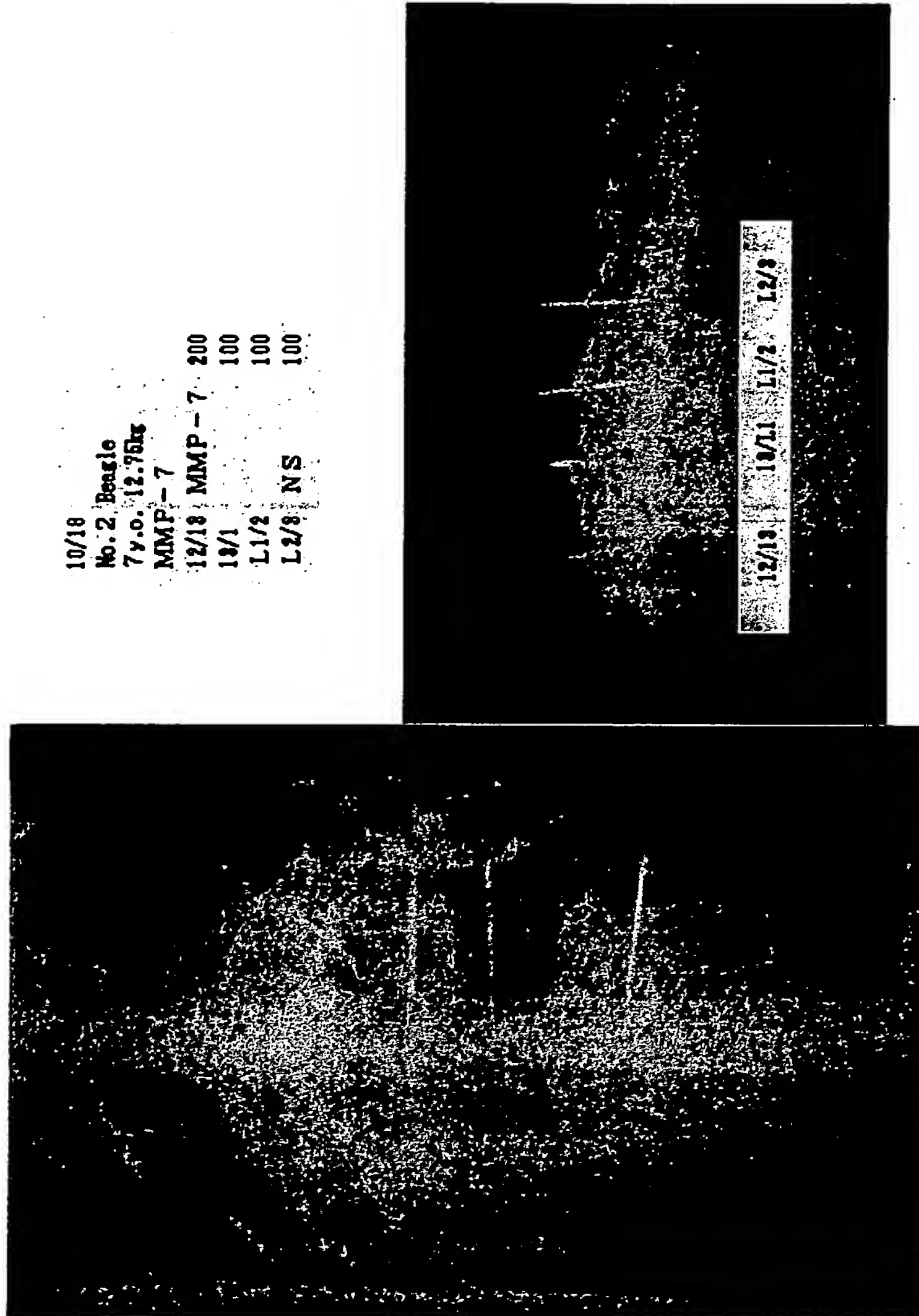


Fig. 5



Fig. 6

Pre&post MRI ; MMP-7



Pre T1

Post T1

T12-13: 20 $\mu$ g, T13-L1: 10 $\mu$ g, L1-2: 10 $\mu$ g, L2-3: saline

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10/540521

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Fig. 7

Pre&post MRI;MMP-7



T12-13: 20 $\mu$ g, T13-L1: 10 $\mu$ g, L1-2: 10 $\mu$ g, L2-3: saline

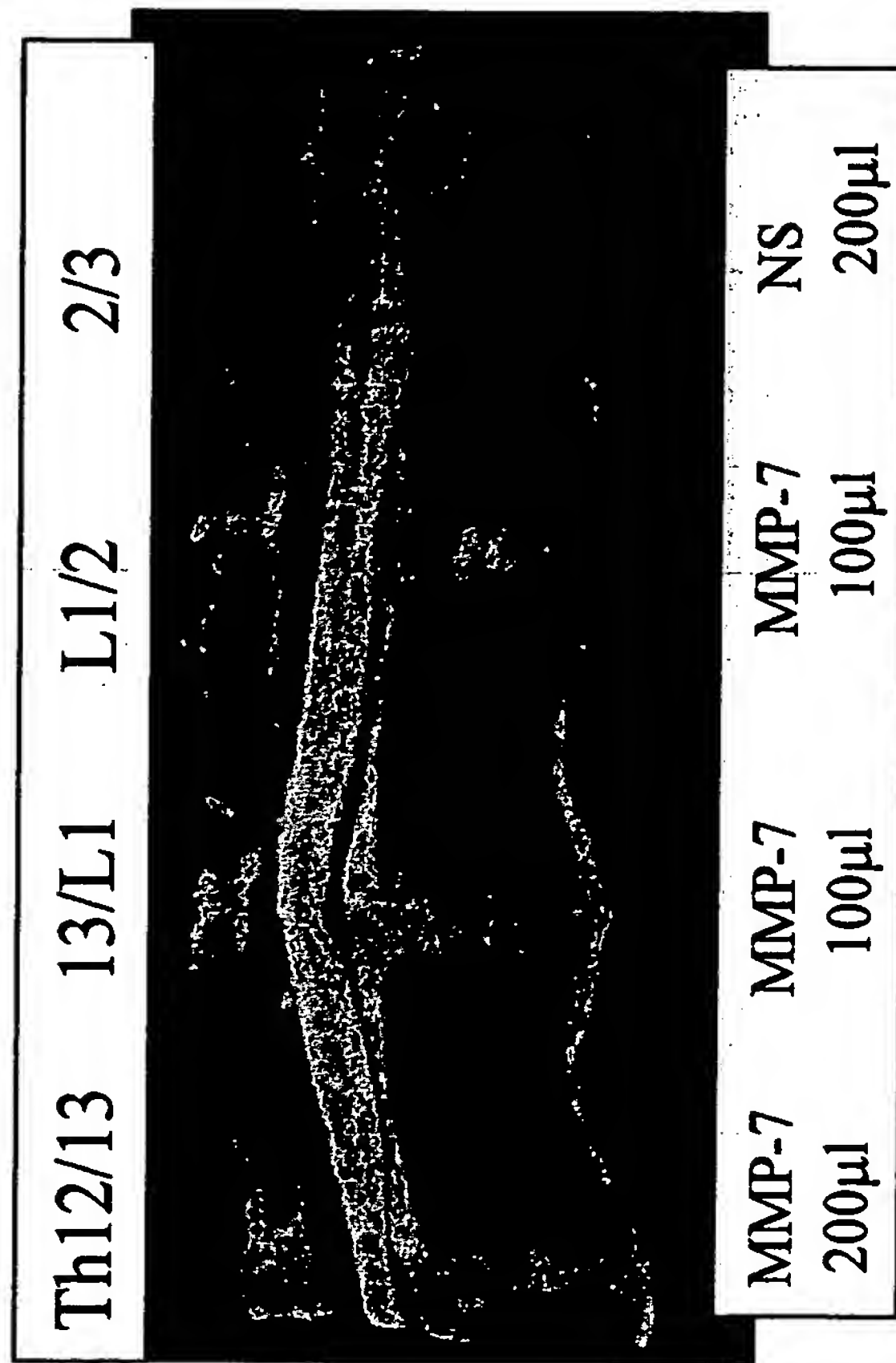
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Fig. 8



Fig. 9



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Fig. 10



After NS injection



After MMP-7 injection

Macro, Safranin O staining

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Fig. 11

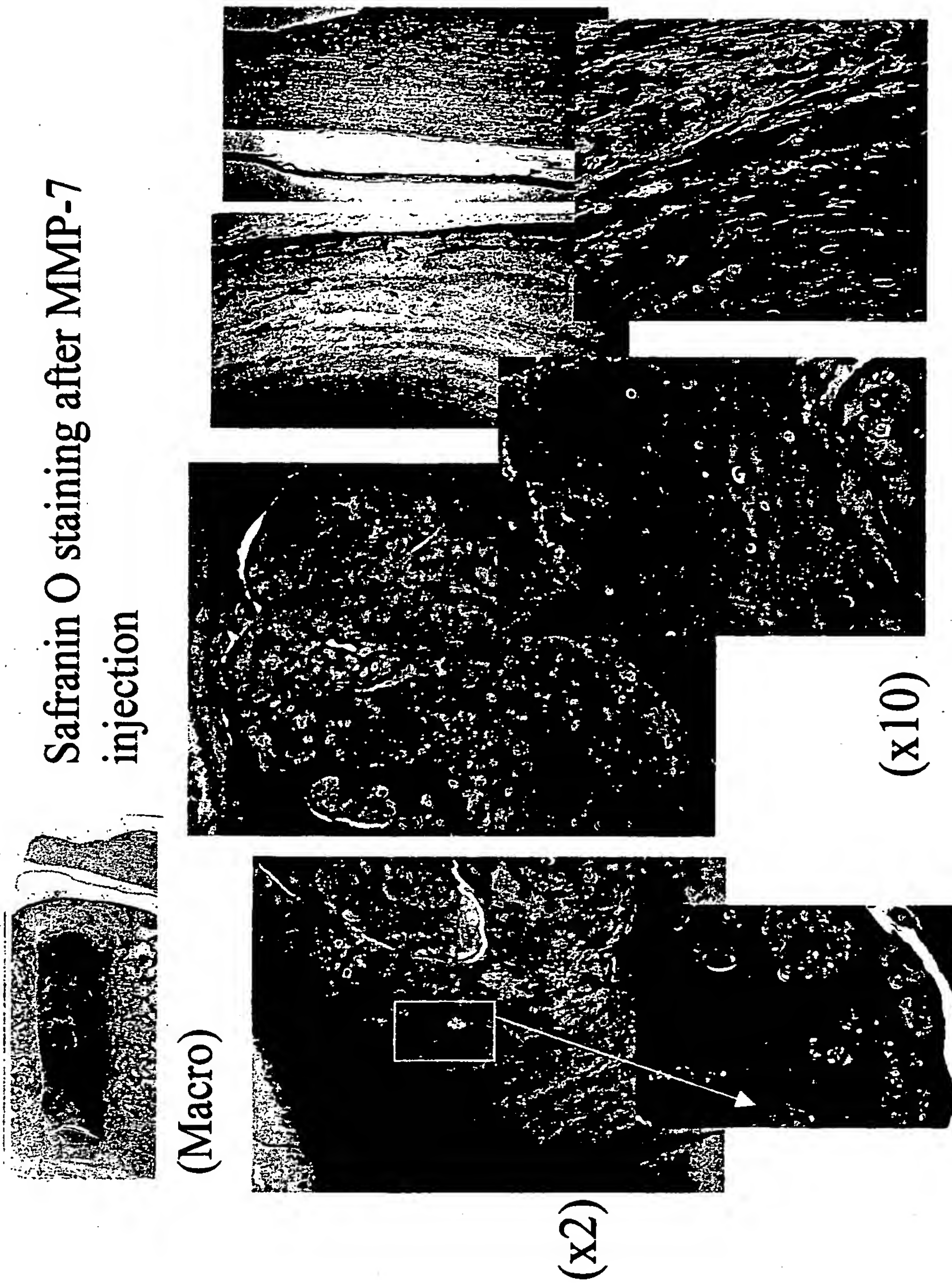


Fig. 12

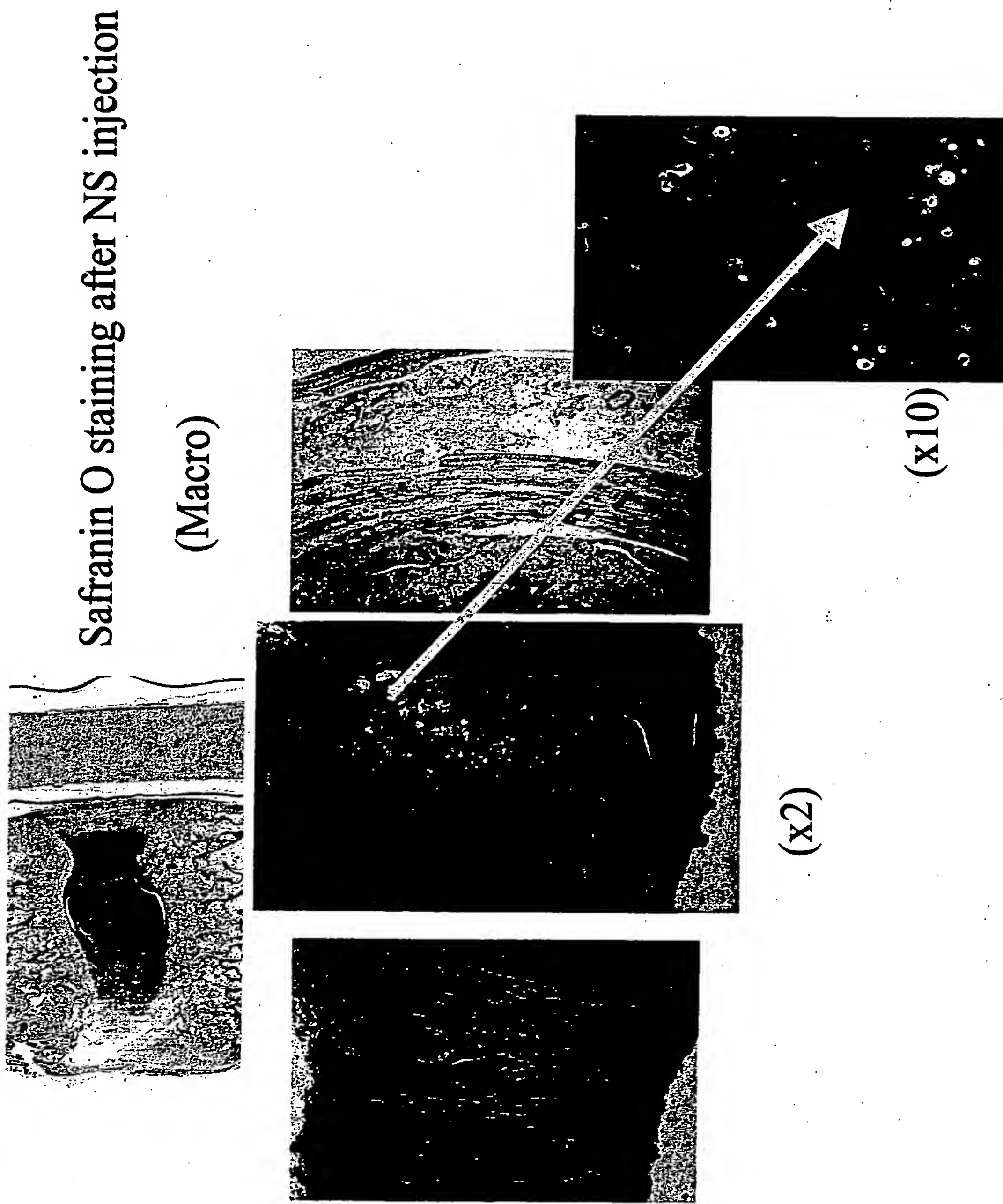
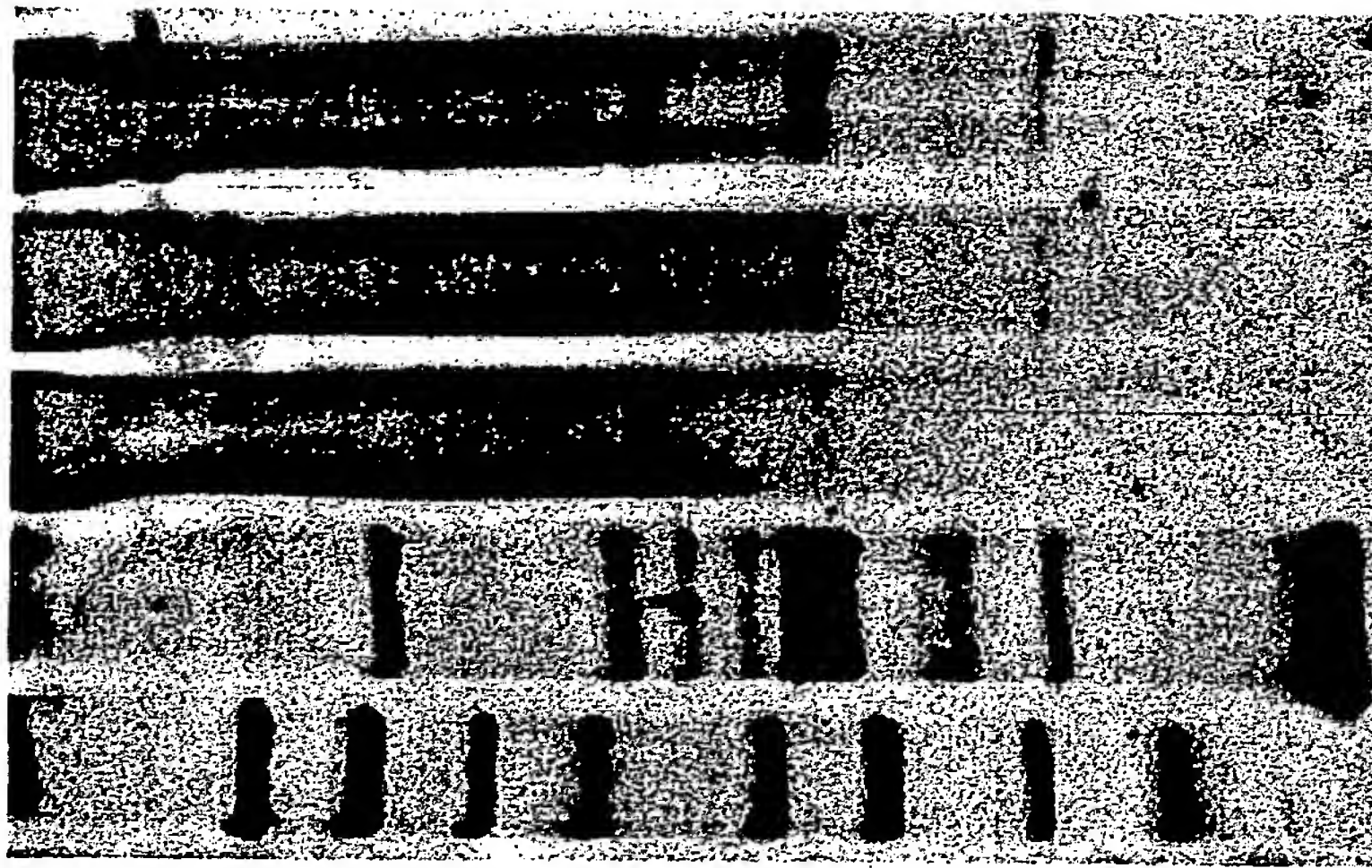




Fig. 13

M PC C2/3 3/4 5/6

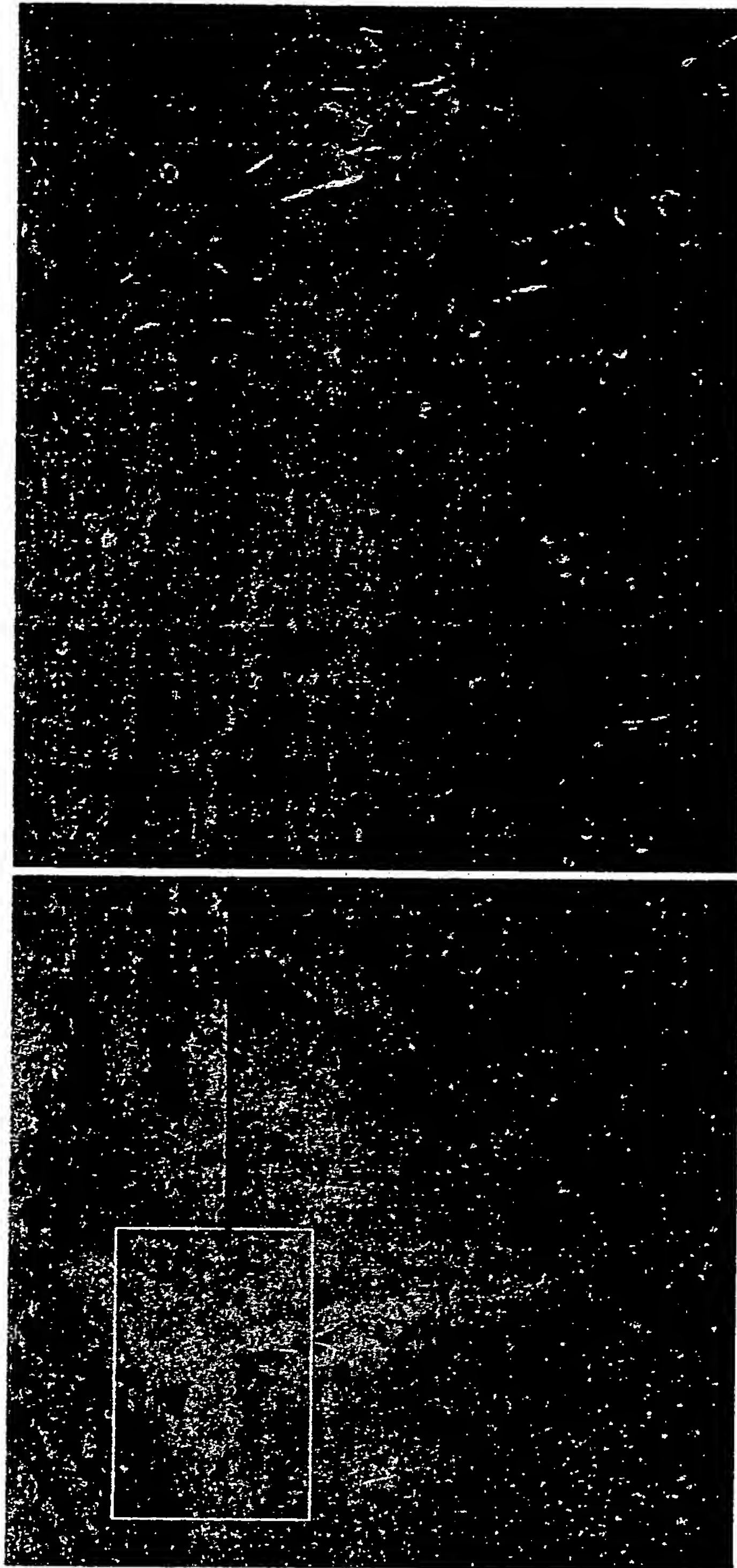


C2/3: MMP-7, C3/4: NS

C5/6: Untreated

PC: positive control (normal knee cartilage)

Fig. 14





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